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July 2, 1996

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FEDERAL JAMES WILLASTONS COMMISSION

OFICE OF STORMARY

James Schlichting Common Carrier Bureau Federal Communications Commission 1919 M Street, NW, Room 518 Washington, DC 20554

Contraction and project Actions

Dear Jim:

The ESP exemption has fostered the growth of services that has been beneficial for Californians. But, the exemption has also created inequities, such as ESPs effectively paying about 12% of what interexchange carriers pay for comparable interstate switched access services. It has also caused Pacific Bell to incur additional costs to increase network capacity as Pacific has already identified \$13.6 million in central office reengineering costs for 1996 associated with providing business lines to ESPs. These costs are over and above the normal growth expenditures associated with comparable quantities of business lines provisioned for typical business customers. Yet, Pacific Bell receives no additional revenues from ESPs due to the ESP Exemption.

To more thoroughly document the impact of ESPs using business lines for end-user access, Pacific Bell has been studying the ESP market. A summary of initial results of our study is attached. Pacific Bell will provide additional information to the Commission as it becomes available. We are also ready to meet with you to discuss our study efforts in further detail. If you have any questions or would like to set up a meeting please call me.

Sincerely,

Dem

Pacific Bell ESP Impact Study

Introduction

To develop information on the size of the ESP market, number of business lines used for end-user access, and the impact on the network Pacific employed a 'case study" approach. From study data on a sample set of ESPs, estimates of the size and scope of the ESP market within Pacific's regions were developed. The study design included the measurements of traffic continuously over a 24 hour period for 7 days a week, for a period of two weeks (May 13 - May 26, 1996). The study encompassed 29 ESPs in 29 Central Offices and over 2000 lines. Initial results are presented below.

ESP Access Network Topology

The ESP exemption has enabled the ESPs to build access networks using state tariffed business lines. This architecture requires that ESPs establish business lines within the local calling area of their endusers. For example, for an on-line service or Internet access provider to reach 80 to 90% of the end-users in California, they need to establish approximately 50 different business line hunt groups (e.g. local access nodes). Local access nodes vary in size from a few lines up to a 1000 lines in a hunt group associated with a single telephone number. The number of lines, types of service (basic business line. Direct Inward Dialing Trunks, Centrex, and ISDN PRI) vary by type of ESP and the number of end-users in a local calling area.

ESP Access Network Demographics

Pacific Bell has conducted case studies on a sample of ESPs and has developed the following estimate of the size of ESP access networks in Pacific Bell's market area:

| ESP Segment | Entities | Lines in use | |
|-----------------|----------|--------------|--|
| Telemessaging | 200-250 | 17,000 | |
| On-line/VANS | 10-15 | 50,000 | |
| Bulletin Boards | 200+ | 3,000 | |
| Internet Access | 150+ | 40,000 | |
| Total | 560+ | 110.000 | |

Based on measured call volumes from a sample of ESP lines, the average ESP line handles approximately 125,000 minutes of calls per year. ESPs pay an average of about \$20 per month per access line (including EUCL). Based on 110,000 lines, approximate annual revenues to Pacific Bell paid by ESPs for access is \$26 million. This results in an effective per minute rate for ESPs of just over \$0.002 per minute, or about 12% of what interexchange carriers pay for interstate switched access (an average of \$0.018 per minute).

The On-Line/VAN and Internet segments are growing rapidly, with orders pending for several thousand additional lines. In the past year these segments have grown by up to 20,000 lines. Annualized traffic on Pacific's network from all of the ESP segments is in excess of 13.8 billion minutes.

Impact of ESP Traffic on Pacific Bell's Network

Lines used by ESPs are priced and engineered based on average traffic levels. Average busy hour traffic levels across all lines at Pacific Bell is 3 to 5 CCS (1 CCS = one-hundred call seconds, or 1.67 minutes of talk time). Central office switches are engineered to handle, on average, the 3 to 5 CCS busy hour load for each line in an office. When busy hour loads exceed the traffic load averages on which switches and trunks are engineered. Pacific Bell has to re-engineer its switches and deploy additional office equipment and trunking. Modularized switches, such as the 5ESS, have switch groups with specific CCS capacities. We typically serve 32 lines from a single switch group in the 5E. However, when an ESP establishes a large multi-line hunt group in an office, we are unable to provision the standard 32 lines on the switch group serving the ESP. We are finding that with some ESP hunt groups we can provisions only 4 or 5 lines per switch group. In addition to the impact on switch groups, intraswitch trunking between line and trunk modules must often be increased to handle above average call loads. Plus, in many cases interswitch trunking must be augmented.

Studies of ESP business line hun: groups indicate that ESP busy hours are significantly above those for business lines, with the average busy hour ranging from 13 to 21 CCS. For some individual hunt groups, we observed busy hour approaching 30 CCS. In addition, we identified one office in Silicon Valley where because of a large ESP's presence, 2.5% of the lines contributed to 20-36% of the office's traffic.

| ESP Segment | Average Peak Hour CCS | Peak Hour for Segment | Average Call Duration (Min.) |
|---|-----------------------|--------------------------|------------------------------|
| Telemessaging On Line / VANS Bulletin Boards Internet Access * Average Pacific Bell (for offices sampled) | 14 | 7:00PM | 0.6 |
| | 13 | 10:00PM | 10.2 |
| | 21 | 11:00PM | 28.3 |
| | 19 | 10:00PM | 20.8 |
| | 4 | 4:00PM | 3.8 |

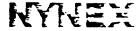
^{*} Note: Sample size adjusted for statistical validity

In several instances business and residence customers have experienced slow dial tone and call blocking where ESPs have caused congestion in an office. To alleviate the congestion, office re-engineering jobs must be performed. In the first quarter of this year Pacific expended \$2.6M in incremental capital expense to address ESP network impacts. This requirement is from offices where ESP hunt groups were large enough to be easily identified and linked to congestion problems.

Expenses planned for the remainder of the year include another \$11 million to meet the forecasted ESP demand for ISDN Primary Rate. Thus, 1996 costs identified to date are \$13.6 million. However, we believe this estimate to be consevative in that many network augments are caused by, but not necessarily linked to, ESP traffic loads.

*:YNEX Government Affairs
1300 | Street NW Suite 400 West Washington DC 20005
202-336-7891

Kenneth Rust Director Federal Regulatory Matters



July 10, 1996

James Schlichting
Chief, Competitive Pricing Division
Federal Communications Commission
Room 518
1919 M Street, NW
Washington, DC 20554

Mr. Schlichting:

This letter is in response to several requests we have had from Common Carrier Bureau staff for information regarding potential traffic capacity problems arising from the ESP exemption. As you know, the ESP exemption was crafted some years ago to aid the fledgling information services industry, and there is increasing concern being expressed that this now robust and rapidly growing market segment will pose a severe capacity problem for a network designed and engineered to accommodate "traditional" traffic patterns. As the data supplied on the attached pages show, calls involving information service providers (ISPs) involve higher occupancy rates and are of much longer duration than traditional traffic.

ISPs gain access to their customer base via dial-up connections purchased from local exchange companies through local service tariffs, instead of purchasing access as other carriers must do. Because of this exemption from the requirement to purchase access, which has traditionally been priced well above cost to provide a subsidy for local service, end users in most cases dial a local telephone number to reach the ISP of their choice. ISP's purchase their local dial tone lines in multi-line hunt groups, and they terminate these lines in analog modem pools. The calls received by the ISP are aggregated, "packetized," and transported using private line facilities to an Internet hub

NYNEX data for year-end 1995 identified approximately 200 companies using this configuration in its serving area. These companies were managing a minimum of 500 separate locations and utilizing approximately 50,000 business line terminations. NYNEX's current data show that the number of businesses and lines using this configuration is *increasing about 10% per month*.

It is important to note that dial-up connections for this traffic require dedicated links through the switch and network for the duration of the call. As the data on the accompanying pages show, the traffic characteristics of the ISP calls differ significantly from traditional voice traffic, and as a result this incremental demand is already beginning to impact the quality of voice telephone service to some degree, and the rapid expansion of such traffic suggested by the explosive growth in lines portends dire consequences for network access.

NYNEX has been gathering Internet usage data on a regular basis. Attachment #1 provides a representative cross section of five Internet providers of varying size offering service from offices that are predominantly business or residential, or mixed. The data are similar across NYNEX.



t, ch.Ex Rec. s.es

The major success factors for the ISP in this market would appear to be retail price, network accessibility by the end user, and the quality of support offered to the end user by the ISP

The traffic usage data included on the attachments identifies the size of the ISP (# of lines), the ISP's offered price for Internet access, the volume of calls the ISP received (attempts), the number of calls that were blocked (overflow) and the length of time the call to the ISP was connected (holding time). The key factors impacting the telephone network are call volume (attempts), call duration (holding time) and CCS/line, i.e., the number of minutes the lines were in use. Occupancy, or minutes of use, is measured in hundred call seconds (CCS) or seconds of use divided by 3600 for the (1) hour period.

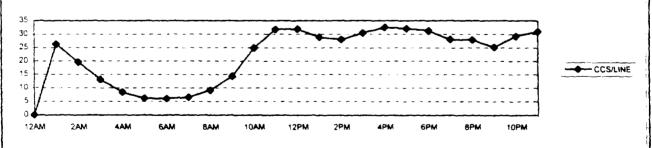
Our analysis of the data identifies holding times of 20 to 40 minutes for this type of traffic, compared to 5 to 10 minutes for voice traffic, and it further shows that the holding time for the ISP traffic is correlated strongly to price structure. It should also be noted that these data do not reflect the recent change in consumer pricing from usage sensitive to flat rate now offered by major long distance carriers. Moreover, the CCS or occupancy data indicate that this traffic is incremental to normal voice traffic, not complimentary. Occupancy levels in excess of 20 CCS per hour are realized in most cases by 10:00 AM, and this load is sustained throughout the day and evening and beyond midnight. Switches are engineered based upon peak loads occurring at single hours consistent with traditional office load traffic characteristics and call duration.

If you require additional information, or care to discuss the implications of these findings in more detail, please feel free to call me.

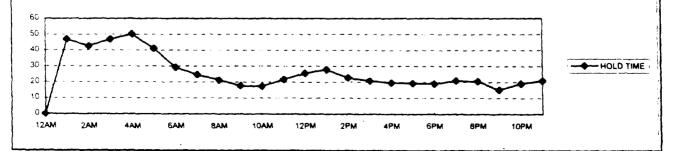
Yours truly,

Attachments

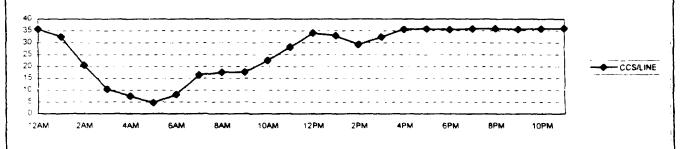
| | W18th St. 5ESS DS | 0 | Data for Tue | sday Februa | ary 6, 1996 | |
|-------|-------------------|-----------|--------------|-------------|-------------|-----------------------|
| | | Line MLHG | (28.8/14.4) | | | |
| HOURS | CALL ATTEMPTS | OVERFLOW | USAGE | CCS/LINE | HOLD TIME | (min) |
| 12AM | n/a | n/a | n/a | n/a | n/a | |
| 1AM | 282 | 0 | 7.955 | 26 | 47 | |
| 2AM | 232 | 0 | 5.942 | 20 | 43 | |
| 3AM | 142 | 0 | 4.009 | 13 | 47 | |
| 4AM | 85 | 0 | 2,559 | 8 | 50 | |
| 5AM | 76 | 0 | 1,875 | 6 | 41 | |
| 6AM | 105 | 0 | 1.841 | 6 | 29 | |
| 7AM | 134 | 0 | 1.985 | 7 | 25 | |
| 8AM | 218 | 0 | 2.795 | 9 | 21 | |
| 9AM | 411 | 0 | 4.344 | 14 | 18 | |
| 10AM | 723 | 0 | 7,533 | 25 | 17 | |
| 11AM | 739 | 0 | 9,638 | 32 | 22 | |
| 12PM | 629 | 0 | 9.677 | 32 | 26 | |
| 1PM | 525 | 0 | 8,760 | 29 | 28 | |
| 2PM | 622 | 0 | 8,492 | 28 | 23 | |
| 3PM | 735 | 0 | 9,236 | 30 | 21 | |
| 4PM | 836 | 0 | 9.847 | 32 | 20 | |
| 5PM | 839 | 0 | 9,725 | 32 | 19 | |
| 6PM | 835 | 0 | 9,489 | 31 | 19 | |
| 7PM | 679 | 0 | 8,505 | 28 | 21 | |
| 8PM | 685 | 0 | 8,474 | 28 | 21 | |
| 9PM | 836 | 0 | 7,629 | 25 | 15 | |
| 10PM | 773 | 0 | 8,889 | 29 | 19 | |
| 11PM | 748 | 0 | 9,400 | 31 | 21 | \$25.00/mo 1st 60 hrs |
| Total | 11,889 | 0 | 158,599 | 23 | 22 | |



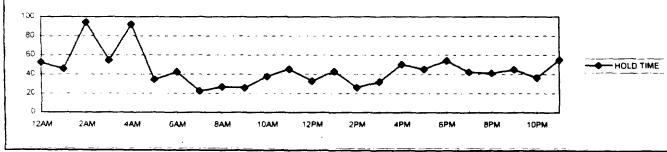
HOLD TIME (min)



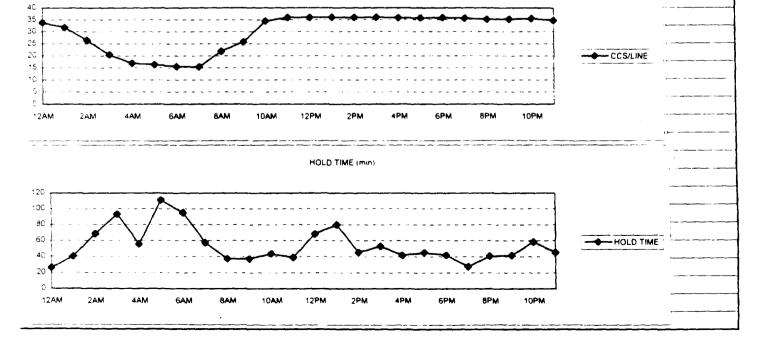
| | Hempstead DMS-10 | 0 DS0 | | | uary 8, 1996 | |
|-------------|------------------|-----------|-------------|----------|--------------|--------------------------|
| | 22 | Line MLHG | (28.8/14.4/ | 9.6) | | |
| HOURS | CALL ATTEMPTS | OVERFLOW | USAGE | CCS/LINE | HOLD TIME | (min) |
| 12AM | 564 | 539 | 786 | 36 | 52 | |
| 1AM | 89 | 63 | 716 | 33 | 46 | |
| 2AM | 8 | 0 | 454 | 21 | 95 | |
| 3AM | 7 | 0 | 229 | 10 | 55 | |
| 4AM | 3 | 0 | 166 | 8 | 92 | |
| 5AM | 5 | 0 | 103 | 5 | 34 | |
| 6AM | 7 | 0 | 179 | 8 | 43 | |
| 7 AM | 27 | 0 | 363 | 17 | 22 | |
| BAM | 24 | 0 | 386 | 18 | 27 | |
| 9AM | 25 | 0 | 388 | 18 | 26 | |
| 10AM | 22 | 0 | 497 | 23 | 38 | |
| 11AM | 112 | 73 | 618 | 28 | 45 | |
| 12PM | 158 | 120 | 749 | 34 | 33 | |
| 1PM | 102 | 74 | 724 | 33 | 43 | |
| 2PM | 59 | 18 | 643 | 29 | 26 | |
| 3PM | 87 | 50 | 712 | 32 | 32 | |
| 4PM | 179 | 153 | 784 | 36 | 50 | |
| 5PM | 461 | 432 | 789 | 36 | 45 | |
| 6PM | 254 | 230 | 781 | 36 | 54 | |
| 7PM | 896 | 865 | 789 | 36 | 42 | |
| 8PM | 714 | 682 | 790 | 36 | 41 | |
| 9PM | 471 | 442 | 784 | 36 | 45 | \$9.95/mo 1st 5 hrs |
| 10PM | 508 | 472 | 788 | 36 | 36 | (each addit hr \$2.50) |
| 11PM | 573 | 549 | 791 | 36 | 55 | \$19.95/mo unlimited hrs |
| Total | 5,355 | 4,762 | 14,009 | 27 | 39 | |



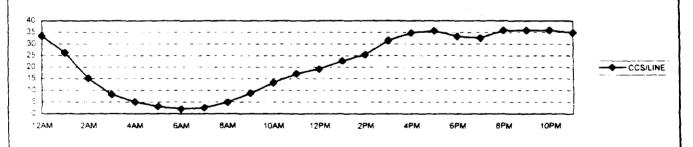
HOLD TIME (min)



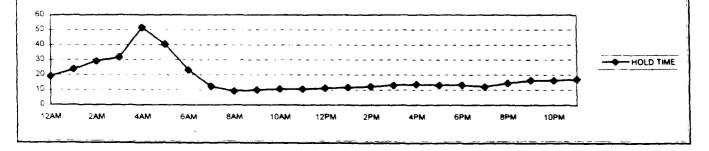
| | W18th St. 5ESS DSC |) | Data for Fr | iday. Februai | ry 16, 1996 | |
|--|--------------------|-----------|-------------|---------------|-------------|----------------------|
| and the state of t | 110 | Line MLHG | (28.8) | | | |
| IOURS | CALL ATTEMPTS | OVERFLOW | USAGE | CCS/LINE | HOLD TIME | (min) |
| 12AM | 238 | 0 | 3.714 | 34 | 26 | |
| 1AM | 144 | 0 | 3.493 | 32 | 40 | |
| 2AM | 71 | 0 | 2.915 | 27 | 68 | |
| 3AM | 40 | 0 | 2,244 | 20 | 94 | |
| 4AM | 56 | 0 | 1,861 | 17 | 55 | |
| 5AM | 27 | 0 | 1,802 | 16 | 111 | |
| 6AM | 30 | 0 | 1,710 | 16 | 95 | |
| 7AM | 49 | 0 | 1,694 | 15 | 58 | |
| вАМ | 107 | 0 | 2.404 | 22 | 37 | |
| 9AM | 126 | 0 | 2.834 | 26 | 37 | |
| 10AM | 703 | 452 | 3.785 | 34 | 44 | |
| 11AM | 1,682 | 1,117 | 3.949 | 36 | 39 | |
| 12PM | 1.690 | 1.292 | 3.955 | 36 | 68 | |
| 1PM | 1,708 | 1.273 | 3,958 | 36 | 80 | |
| 2PM | 979 | 635 | 3.954 | 36 | 45 | |
| 3 РМ | 1,173 | 805 | 3,958 | 36 | 53 | |
| 4PM | 1.242 | 912 | 3,938 | 36 | 42 | |
| 5PM | 554 | 341 | 3.930 | 36 | 45 | |
| 6PM | 1,189 | 821 | 3.948 | 36 | 42 | |
| 7PM | 858 | 517 | 3,919 | 36 | 28 | |
| 8PM | 345 | 158 | 3.873 | 35 | 41 | |
| 9PM | 347 | 164 | 3,877 | 35 | 42 | |
| 10PM | 314 | 165 | 3,904 | 35 | 58 | \$10.00/mo unlim hrs |
| 11PM | 215 | 64 | 3.815 | 35 | 45 | |
| Total | 13,887 | 8,716 | 79,434 | 30 | 44 | |



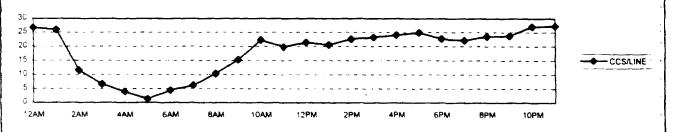
| | Hempstead DMS-10 | 0 DS0 | Data for Sur | nday March 3. | 1996 | |
|--|------------------|-----------|--------------|---------------|-----------|------------------------|
| transporter and a second second second | | Line MLHG | (14.4/9.6) | | | |
| HOURS | CALL ATTEMPTS | OVERFLOW | USAGE | CCS/LINE | HOLD TIME | (min) |
| 12AM | 1.884 | 36 | 21.151 | 33 | 19 | |
| 1AM | 1,165 | 0 | 16.590 | 26 | 24 | |
| 2AM | 547 | 0 | 9.570 | 15 | 29 | |
| 3AM | 274 | 0 | 5.220 | 8 | 32 | |
| 4AM | 103 | 0 | 3.193 | 5 | 52 | |
| 5AM | 79 | 0 | 1.918 | 3 | 40 | |
| 6AM | 94 | 0 | 1,313 | 2 | 23 | |
| 7AM | 219 | 0 | 1.626 | 3 | 12 | |
| 8AM | 560 | 0 | 3,103 | 5 | 9 | |
| 9AM | 926 | 0 | 5.574 | 9 | 10 | |
| 10AM | 1,314 | 0 | 8.397 | 13 | 11 | |
| 11AM | 1,699 | 0 | 10.823 | 17 | 11 | |
| 12PM | 1,812 | 0 | 12.144 | 19 | 11 | |
| 1PM | 2,050 | С | 14,325 | 23 | 12 | |
| 2PM | 2,191 | 0 | 16.096 | 25 | 12 | |
| 3PM | 2,534 | 0 | 19.928 | 32 | 13 | |
| 4PM | 2,859 | 180 | 21,983 | 35 | 14 | |
| 5PM | 3,764 | 915 | 22,561 | 36 | 13 | |
| 6PM | 2,839 | 185 | 21,046 | 33 | 13 | |
| 7PM | 2.902 | 71 | 20.610 | 33 | 12 | |
| 8PM | 5,621 | 3,019 | 22.641 | 36 | 15 | |
| 9PM | 8.210 | 5.909 | 22.701 | 36 | 16 | |
| 10PM | 7,251 | 4.931 | 22,714 | 36 | 16 | \$9.95/mo 1st 5 hrs |
| 11PM | 3.807 | 1.662 | 22.076 | 35 | 17 | (each addit hr \$2.95) |
| Total | 54,704 | 16,908 | 327,303 | 22 | 14 | |



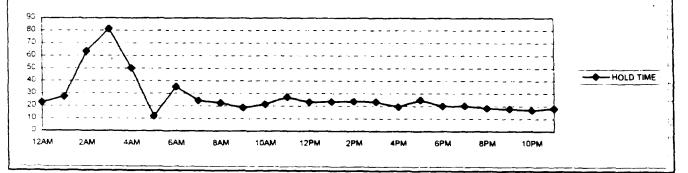
HOLD TIME (mm)



| | West St DMS-100 D | S0 | Data for M | onday April : | 22, 1996 | |
|-------------|-------------------|-----------|-------------|---------------|-----------|--------------------------|
| | 191 | Line MLHG | (28.8/14.4) | (9.6) | | |
| HOURS | CALL ATTEMPTS | OVERFLOW | USAGE | CCS/LINE | HOLD TIME | (min) |
| 12AM | 376 | 3 | 5,100 | 27 | 23 | |
| 1AM | 302 | 0 | 4,973 | 26 | 27 | |
| 2AM | 58 | 0 | 2.211 | 12 | 64 | |
| 3AM | 26 | 0 | 1.270 | 7 | 81 | |
| 4AM | 25 | 0 | 754 | 4 | 50 | |
| 5AM | 35 | 0 | 251 | 1 | 12 | |
| 6AM | 40 | 0 | 847 | 4 | 35 | |
| 7AM | 81 | 0 | 1,181 | 6 | 24 | |
| 8AM | 147 | Ö | 1.985 | 10 | 23 | |
| 9AM | 260 | 0 | 2.910 | 15 | 19 | |
| 10AM | 330 | 0 | 4,247 | 22 | 21 | |
| 11AM | 233 | 0 | 3,789 | 20 | 27 | |
| 12PM | 295 | 0 | 4.091 | 21 | 23 | |
| 1PM | 278 | 0 | 3,930 | 21 | 24 | |
| 2PM | 303 | 0 | 4,320 | 23 | 24 | |
| 3PM | 315 | 0 | 4.436 | 23 | 23 | |
| 4PM | 393 | 0 | 4,586 | 24 | 19 | |
| 5PM | 318 | 0 | 4,771 | 25 | 25 | |
| 6PM | 360 | 0 | 4,337 | 23 | 20 | |
| 7 PM | 348 | 0 | 4,230 | 22 | 20 | |
| 8PM | 408 | 0 | 4.501 | 24 | 18 | |
| 9PM | 420 | 0 | 4.530 | 24 | 18 | \$9.95/mo 1st 5 hrs |
| 10PM | 511 | 0 | 5,174 | 27 | 17 | (each addit hr \$2.50) |
| 11PM | 510 | 36 | 5.203 | 27 | 18 | \$19.95/mo unlimited hrs |
| Total | 6,372 | 39 | 83,627 | 19 | 22 | |



HOLD TIME



| | GRCYNYGCDS0 5 | ESS DS0 | Data for N | Monday Februa | ary 19, 1996 | |
|---------------------------------|---------------|----------|--------------|---------------|--------------|------------------------|
| | | | (14.4) | | | |
| HOURS | CALL ATTEMPTS | OVERFLOW | USAGE | CCS/LINE | HOLD TIME | |
| 12AM | 228 | 0 | 4.920 | 24 | 36 | |
| 1AM | 93 | 0 | 3.520 | 18 | 63 | |
| 2AM | 53 | 0 | 2.047 | 10 | 64 | |
| 3AM | 36 | 0 | 1,618 | 8 | 75 | |
| 4AM | 19 | 0 | 1,103 | 5 | 97 | |
| 5AM | 15 | 0 | 663 | 3 | 74 | |
| 6AM | 30 | 0 | 571 | 3 | 32 | |
| 7AM | 85 | 0 | 697 | 3 | 14 | |
| 8AM | 133 | 0 | 1,430 | 7 | 18 | |
| 9AM | 177 | 0 | 1,636 | 8 | 15 | |
| 10AM | 304 | 0 | 2.713 | 13 | 15 | |
| 11AM | 309 | 0 | 3.621 | 18 | 20 | |
| 12PM | 353 | 0 | 3,457 | 17 | 16 | |
| 1PM | 272 | 0 | 3,402 | 17 | 21 | |
| 2PM | 337 | 0 | 3,886 | 19 | 19 | |
| 3PM | 291 | 0 | 4,370 | 22 | 25 | |
| 4PM | 293 | 0 | 4,129 | 21 | 23 | |
| 5PM | 357 | 0 | 4,587 | 23 | 21 | |
| 6PM | 341 | 0 | 4,266 | 21 | 21 | \$9.95/mo 1st 5 hrs |
| 7PM | 361 | 0 | 4.002 | 20 | 18 | (each addit hr \$2.95) |
| 8PM | 386 | 0 | 4,880 | 24 | 21 | \$14.99/mo 1st 15 hrs |
| 9PM | 481 | 00 | 5,335 | 27 | 18 | (each addit hr \$2.95) |
| 10PM | 530 | 0 | 6,137 | 31 | 19 | \$29.99/mo 1st 30 hrs |
| 11PM | 337 | 00 | 5,606 | 28 | 28 | (each addit hr \$2.95) |
| Total | 5,821 | 0 | 78,596 | 16 | 23 | |
| 35 30 25 20 15 5 | | | CCSAIN | E | | —— CCS/LIN |
| 0 L 12AM | 2AM 4AM 6AM | BAM 10AM | 12 PM | 2PM 4PM | 6PM 8PM | 10PM |
| | | | | | | |

12**AM**

2AM

4AM

6AM

BAM

10AM

12PM

2PM

4PM

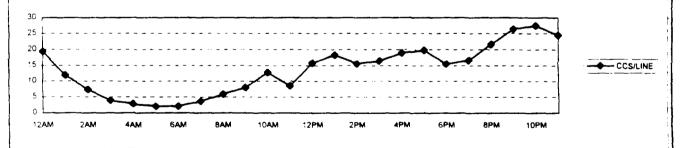
6РМ

8PM

10**PM**

| | White PlainsDMS-10 | NO DS0 | Data for Tu | esday Februa | rv 20 1996 | |
|-------|--------------------|--------|--|---------------|------------|---------------------------------------|
| | | | (14.4) | esuay i ebiuu | , 20, 1330 | |
| | | | <u>` </u> | 0000 115 | HOLD TIME | () |
| HOURS | CALL ATTEMPTS | | USAGE | CCS/LINE | HOLD TIME | (min) |
| 12AM | 102 | 0 | 2.482 | 19 | 41 | |
| 1AM | 45 | 0 | 1.521 | 12 | 56 | |
| 2AM | 28 | 0 | 944 | 7 | 56 | - |
| 3AM | 88 | 00 | 492 | 4 | 103 | |
| 4AM | 6 | 0 | 364 | 3 | 101 | |
| 5AM | 8 | 0 | 264 | 2 | 55 | |
| 6AM | 20 | 0 | 269 | 2 | 22 | |
| 7AM | 53 | 0 | 465 | 4 | 15 | |
| 8AM | 93 | 0 | 758 | 6 | 14 | |
| 9AM | 126 | 0 | 1,023 | 8 | 14 | |
| 10AM | 195 | 0 | 1,631 | 13 | 14 | |
| 11AM | 204 | 0 | 1.085 | 8 | 9 | |
| 12PM | 212 | 0 | 2,013 | 16 | 16 | |
| 1PM | 191 | 0 | 2,345 | 18 | 20 | |
| 2PM | 182 | 0 | 1,995 | 16 | 18 | |
| 3РМ | 200 | 0 | 2,105 | 16 | 18 | |
| 4PM | 250 | 0 | 2,427 | 19 | 16 | |
| 5PM | 269 | 0 | 2,534 | 20 | 16 | |
| 6PM | 172 | 0 | 1,983 | 15 | 19 | \$9.95/mo 1st 5 hrs |
| 7PM | 214 | 0 | 2,132 | 17 | 17 | (each addit hr \$2.95) |
| 8PM | 264 | 0 | 2,771 | 22 | 17 | \$14.99/mo 1st 15 hrs |
| 9PM | 247 | 0 | 3,382 | 26 | 23 | (each addit hr \$2.95) |
| 10PM | 240 | 0 | 3.524 | 28 | 24 | \$29.99/mo 1st 30 hrs |
| 11PM | 206 | 0 | 3,132 | 24 | 25 | (each addit hr \$2.95) |
| Total | 3,535 | 0 | 41,641 | 14 | 20 | · · · · · · · · · · · · · · · · · · · |





HOLD TIME (min)

